

### Dustex Clearblast 600

The Clearblast® Filter Unit is a self-contained dust extractor designed to operate usually via a ductwork system extracting from the dust source.

As dust enters the Filter Unit, the hopper inlet internal baffle plate encourages heavier particles to fall into the waste bin. Lighter dust particles are trapped by the filter media and clean air is discharged to atmosphere through the fan chamber outlet.

Features & Benefits
✔ Self-contained dust filter unit
✔ Option to connect to ductwork system
✔ Automatic shaker-motor clean cycle
✔ Use for grit-blasting, sand-blasting process machines etc.
✔ 5000 m <sup>3</sup> /hr airflow
✔ Filtration to HEPA for hazardous dusts

Key Applications
✔ Dust extraction from bridge blasting
✔ Basement shot-blasting dust control





# DUSTEX®

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Technical specifications	
Intake Diameter	300-500mm
Weight	1575 Kg
Height	2950 mm
Length	4400mm
Width	1250 mm
Airflow	5000m <sup>3</sup> /hr @ 2250PA
Power Required	7.5 Kw - 415 V 3 phase
Generator Required	Minimum 30 KVA
Power Connection	32 Amp 5 Pin Plug
Filter Media	Polyester needlefelt/PTFE coating
Secondary HEPA Filter	H.E.P.A. H13
Filter surface area	600 sq ft filter media

At the end of the production period, the extraction is switched off at the control panel. A timer instigates a delay to allow extraction to come to rest, followed by a 30-60 second shaker motor clean cycle. A competent Dust Extraction Engineer should be consulted to ensure this equipment is suitable for the application. Hazard data sheets for any product being handled by this Filter Unit should be referred to and the appropriate action taken.

The Clearblast® Filter Unit must be used in accordance with the ATEX DIRECTIVE. ATEX Workplace Directive 1999/92/EC places the responsibility on the end-user to make a suitable risk assessment, particularly in the extraction of potentially explosive dust.

